

ERROR DETECTION

OUTDOOR UNIT

	LED 1	LED 2	LED 3	LED 4
Communication error (outdoor unit to indoor unit A)	● 1 time	—	—	—
Communication error (outdoor unit to indoor unit B)	—	● 1 time	—	—
Communication error (outdoor unit to indoor unit C)	—	—	● 1 time	—
Communication error (outdoor unit to indoor unit D)	—	—	—	● 1 time
Discharge pipe thermistor	● 2 times	—	—	—
Outdoor unit, heat exchanger thermistor (middle)	● 3 times	—	—	—
Outdoor thermistor error	● 4 times	—	—	—
2-way valve thermistor (indoor unit A)	● 5 times	—	—	—
2-way valve thermistor (indoor unit B)	—	● 5 times	—	—
2-way valve thermistor (indoor unit C)	—	—	● 5 times	—
2-way valve thermistor (indoor unit D)	—	—	—	● 5 times
3-way valve thermistor (indoor unit A)	● 6 times	—	—	—
3-way valve thermistor (indoor unit B)	—	● 6 times	—	—
3-way valve thermistor (indoor unit C)	—	—	● 6 times	—
3-way valve thermistor (indoor unit D)	—	—	—	● 6 times
Compressor thermistor error	● 7 times	—	—	—
Heatsink thermistor error	● 8 times	—	—	—
High pressure switch 1 error	● 9 times	—	—	—
High pressure switch 2 error	● 10 times	—	—	—
Indoor unit capacity error	● 11 times	—	—	—
Trip detection	● 12 times	—	—	—
Compressor roter position detetion error	● 13 times	—	—	—
Trip terminal L error	● 14 times	—	—	—
Outdoor unit fan motor error	● 15 times	—	—	—
Outdoor unit PCB microcomputer communication error	● 17 times	—	—	—
Discharge temperature error	● 18 times	—	—	—
Compressor temperature error	● 19 times	—	—	—
4-way valve error	● 20 times	—	—	—
Outdoor unit PCB model information error	● 21 times	—	—	—
Active filter error, PFC circuit error	● 22 times	—	—	—

● : flashing

— : Off

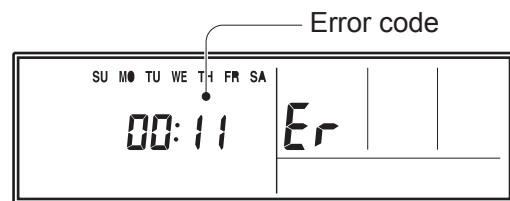
INDOOR UNIT and WIRED REMOTE CONTROL

If you use a wireless remote control, the lamp on the photo detector unit will output error codes by way of blinking patterns.

If you use a wired type remote control, error codes will appear on the remote control display. See the lamp blinking patterns and error codes in the table. An error display is displayed only during running.

This is possible only on a wired remote control.

If an error occurs, the following display will be shown. ("Er" will appear in the set room temperature display.)



EX. Self-diagnosis

- : 0.5s on / 0.5s off
- ◇ : 0.1s on / 0.1s off
- () : Number of flashing

Indoor unit			Wired remote control	Description
OPERATION lamp (green)	TIMER lamp (orange)	ECONOMY lamp (green)		
●(1)	●(1)	◇	11	Serial communication error
●(1)	●(2)	◇	12	Wired remote control communication error
●(1)	●(5)	◇	15	Check run unfinished
●(2)	●(1)	◇	21	Unit number or Refrigerant circuit address setting error [Simultaneous Multi]
●(2)	●(2)	◇	22	Indoor unit capacity error
●(2)	●(3)	◇	23	Combination error
●(2)	●(4)	◇	24	• Connection unit number error (indoor slave unit) [Simultaneous Multi] • Connection unit number error (indoor unit or branch unit) [Flexible Multi]
●(2)	●(7)	◇	27	Master unit, slave unit set-up error [Simultaneous Multi]
●(3)	●(2)	◇	32	Indoor unit PCB model information error
●(3)	●(5)	◇	35	Manual auto switch error
●(4)	●(1)	◇	41	Inlet air temp. sensor error
●(4)	●(2)	◇	42	Indoor unit Heat Ex. Middle temp. sensor error
●(5)	●(1)	◇	51	Indoor unit fan motor error
●(5)	●(3)	◇	53	Drain pump error
●(5)	●(7)	◇	57	Damper error
●(5)	●(15)	◇	5U	Indoor unit error
●(6)	●(2)	◇	62	Outdoor unit main PCB model information error or communication error
●(6)	●(3)	◇	63	Inverter error
●(6)	●(4)	◇	64	Active filter error, PFC circuit error
●(6)	●(5)	◇	65	Trip terminal L error

Indoor unit			Wired remote control	Description
OPERATION lamp (green)	TIMER lamp (orange)	ECONOMY lamp (green)		
●(6)	●(10)	◇	6A	Display PCB microcomputers communication error
●(7)	●(1)	◇	71	Discharge temp. sensor error
●(7)	●(2)	◇	72	Compressor temp. sensor error
●(7)	●(3)	◇	73	Outdoor unit Heat Ex. liquid temp. sensor error
●(7)	●(4)	◇	74	Outdoor temp. sensor error
●(7)	●(5)	◇	75	Suction Gas temp. sensor error
●(7)	●(6)	◇	76	• 2-way valve temp. sensor error • 3-way valve temp. sensor error
●(7)	●(7)	◇	77	Heat sink temp. sensor error
●(8)	●(2)	◇	82	• Sub-cool Heat Ex. gas inlet temp. sensor error • Sub-cool Heat Ex. gas outlet temp. sensor error
●(8)	●(3)	◇	83	Liquid pipe temp. sensor error
●(8)	●(4)	◇	84	Current sensor error
●(8)	●(6)	◇	86	• Discharge pressure sensor error • Suction pressure sensor error • High pressure switch error
●(9)	●(4)	◇	94	Trip detection
●(9)	●(5)	◇	95	Compressor rotor position detection error (permanent stop)
●(9)	●(7)	◇	97	Outdoor unit fan motor error
●(9)	●(9)	◇	99	4-way valve error
●(10)	●(1)	◇	A1	Discharge temp. error
●(10)	●(3)	◇	A3	Compressor temp. error
●(10)	●(4)	◇	A4	High pressure error
●(10)	●(5)	◇	A5	Low pressure error
●(13)	●(2)	◇	J2	Branch boxes error [Flexible Multi]